

FIG.2

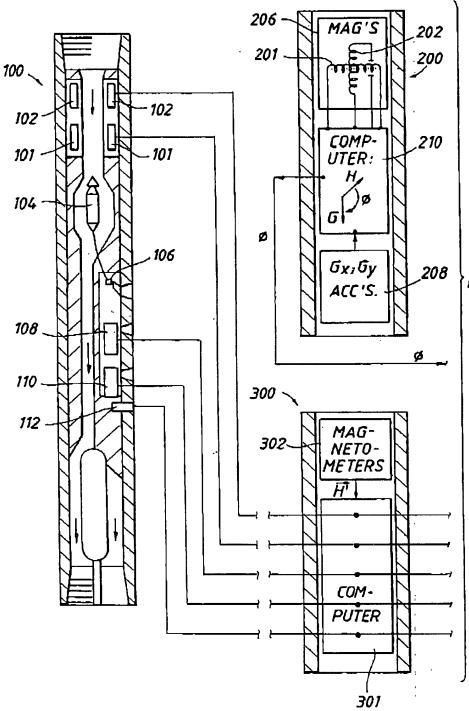
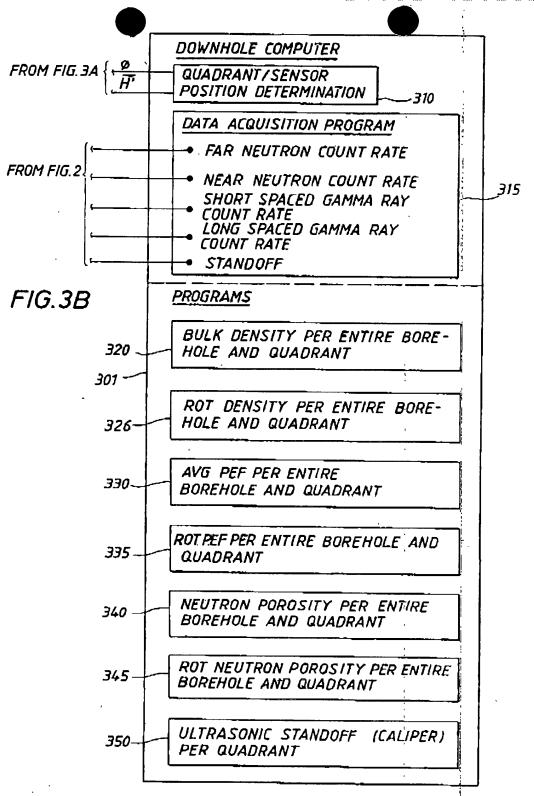
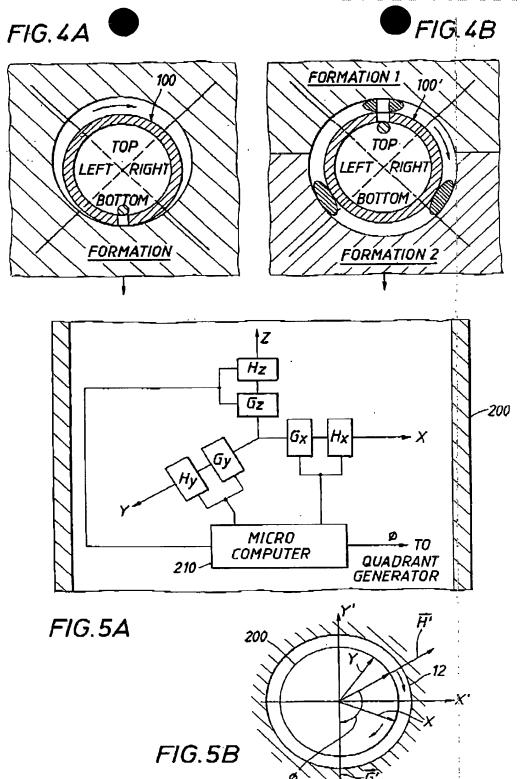


FIG.3A





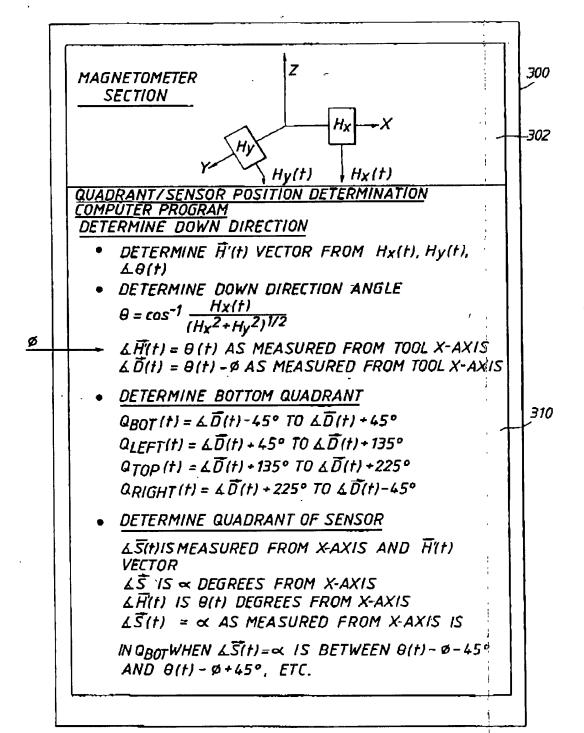
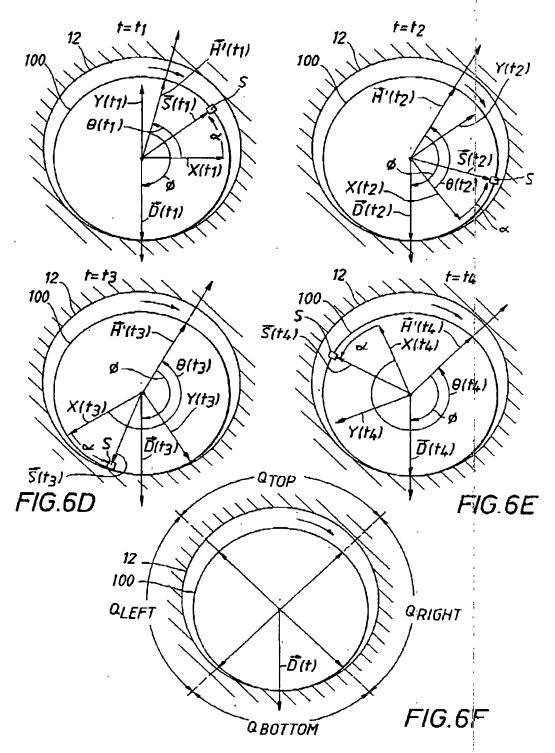
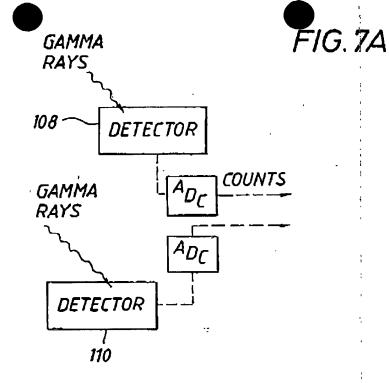
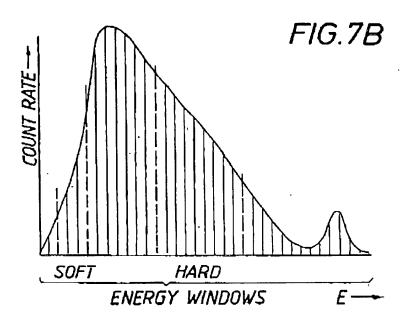


FIG.6B

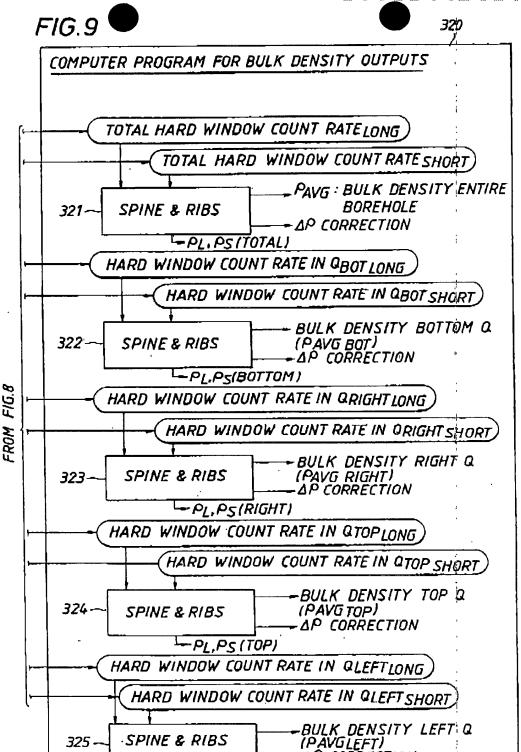
FIG. 6C







## DATA ACQUISITION COMPUTER PROGRAM: LONG AND SHORT SPACED GAMMA RAY COUNT RATES FROM 310 SENSOR/QUADRANT TIME TIME` (QBOT, QRIGHT) PROGRAM START END QTOP,QLEFT LONG\_ TOTAL HARD WINDOW COUNT **DETERMINE COUNTS** SHORT RATE SAMPLES, ACQUISITION TIME SAMPLES, COUNT RATES COUNTS IN HARD WINDOW FROM AND SOFT WINDOW LONG\_ HARD WINDOW COUNT RATE DETEC-AND TOTAL COUNTS SHORT SAMPLES IN QBOT. ACQUISITION TOR SEPARATELY FOR ADC'S LONG AND SHORT TIME SAMPLES, COUNT RATES SPACED DETECTORS LONG HARD WINDOW COUNT RATE SHORT SAMPLES IN QRIGHT.ACQUISITION TIME SAMPLES, COUNT RATES LONG\_ HARD WINDOW COUNT RATE SHORT SAMPLES IN QTOP.ACQUISITION TIME SAMPLES, COUNT RATES LONG\_ HARD WINDOW COUNT RATE SHORT SAMPLES IN QLEFT, ACQUISITION TIME SAMPLES, COUNT RATES LONG\_ TOTAL SOFT WINDOW COUNT SHORT RATE SAMPLES, ACQUISITION TIME SAMPLES, COUNT RATES LONG SOFT WINDOW COUNT RATE SHORT SAMPLES IN QBOT, ACQUISITION TIME SAMPLES, COUNT RATES LONG SOFT WINDOW COUNT RATE SHORT SAMPLES IN QRIGHT, ACQUISITION TIME SAMPLES, COUNT RATES LONG SOFT WINDOW COUNT RATE SHORT SAMPLES IN QTOP, ACQUISITION TIME SAMPLES. COUNT RATES LONG SOFT WINDOW COUNT RATE SHORT SAMPLES IN QLEFT, ACQUISITION TIME SAMPLES, COUNT RATES



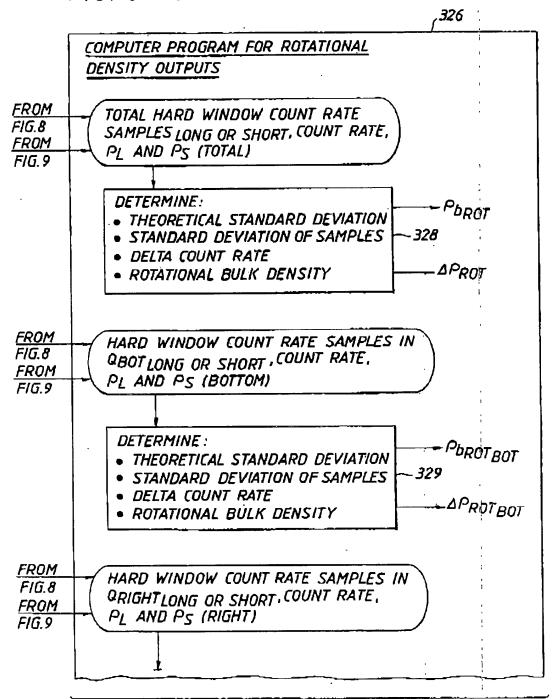
AP CORRECTION

SPINE & RIBS

-PL.PS (LEFT)

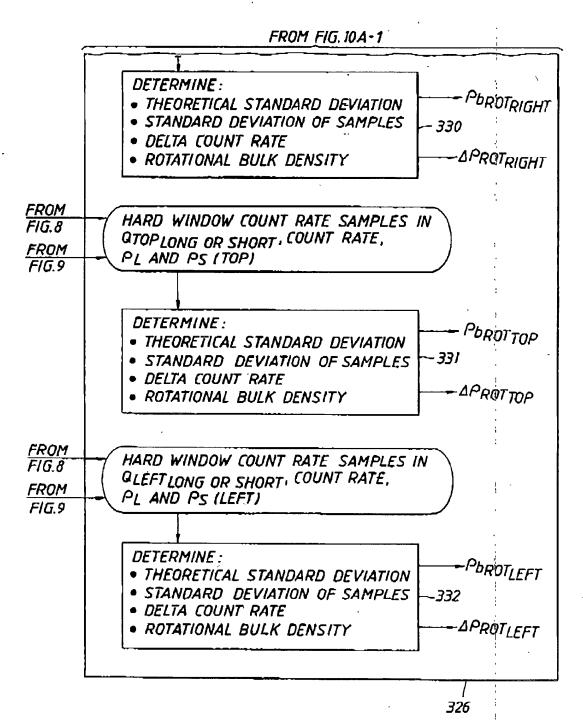
325 -

## FIG. 10A-1



TO FIG. 10A-2





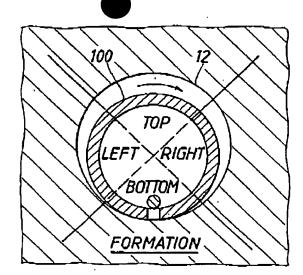


FIG.10B

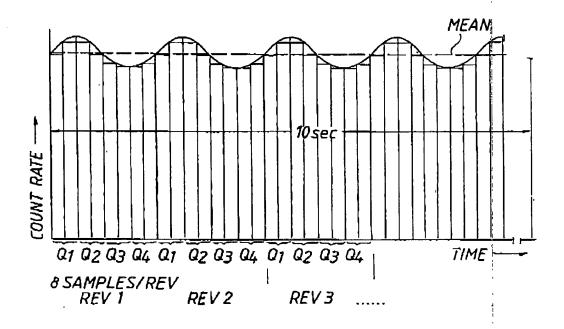


FIG.10C

FIG. 10D-2

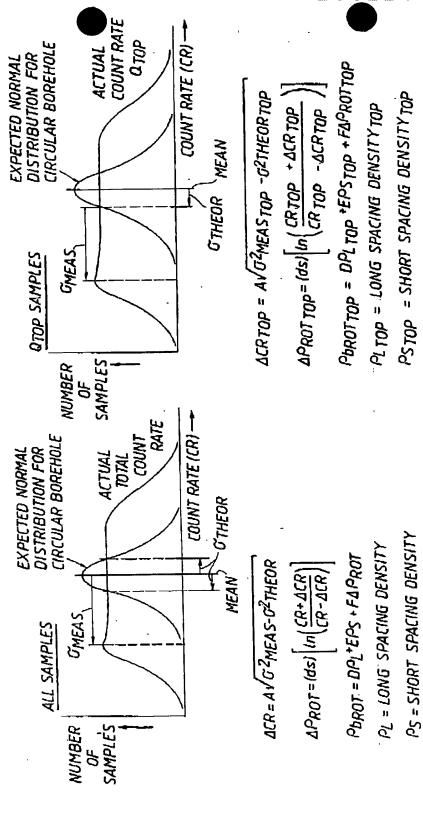
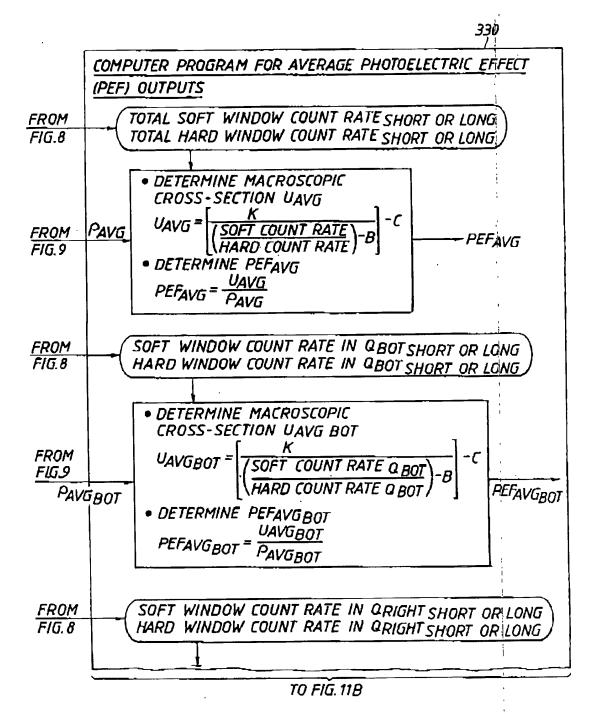
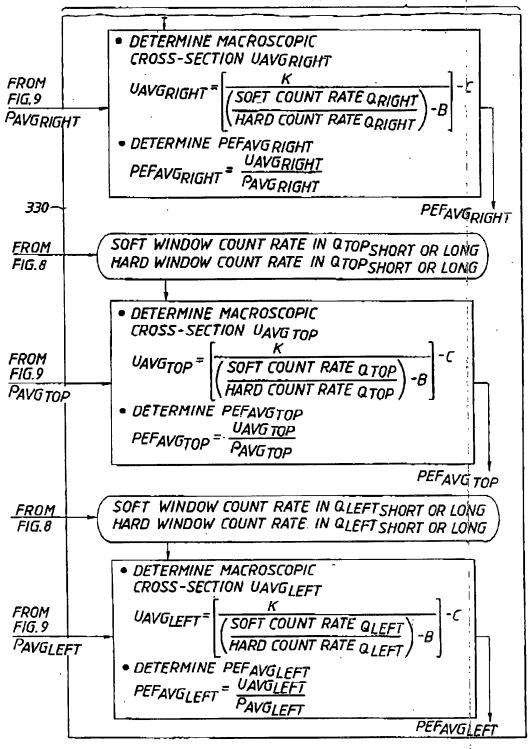
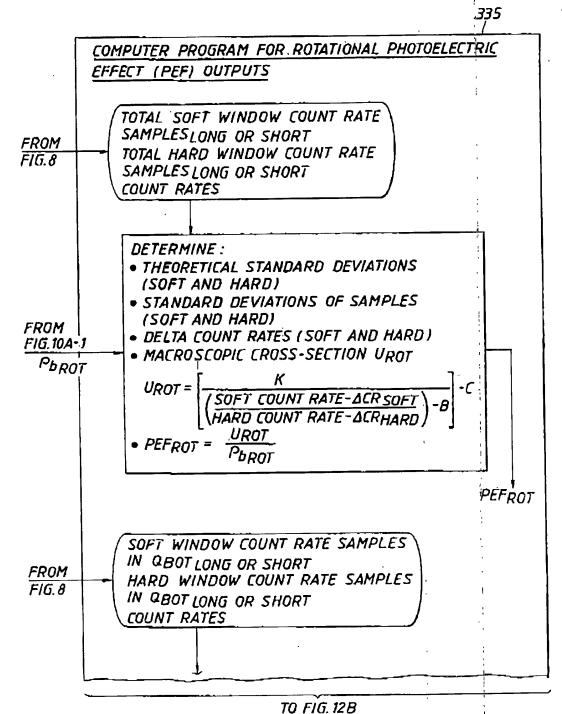


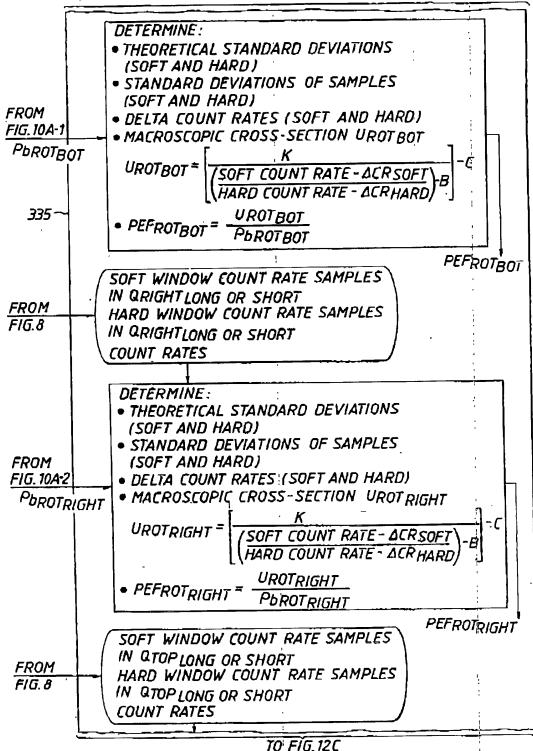
FIG. 10D-1



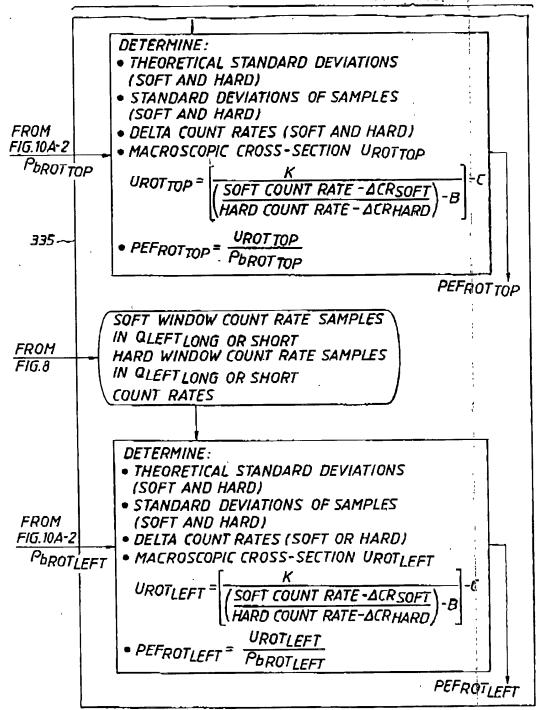








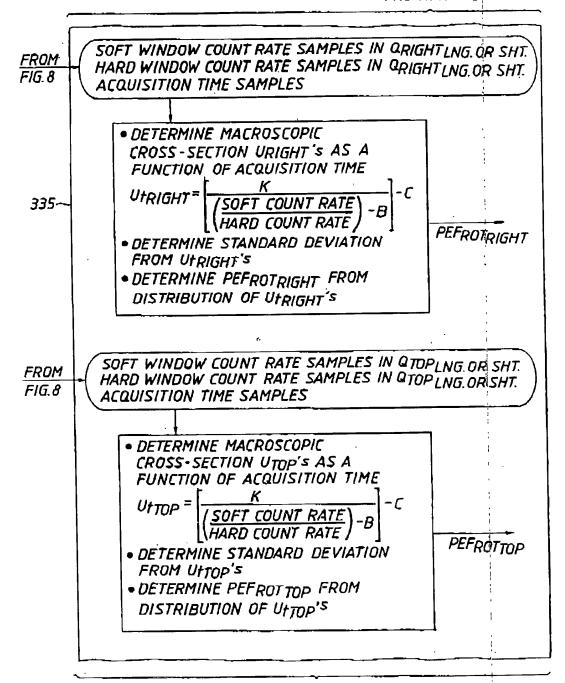




TO FIG. 12 F



## FROM FIG. 12 D



TO FIG. 12 F

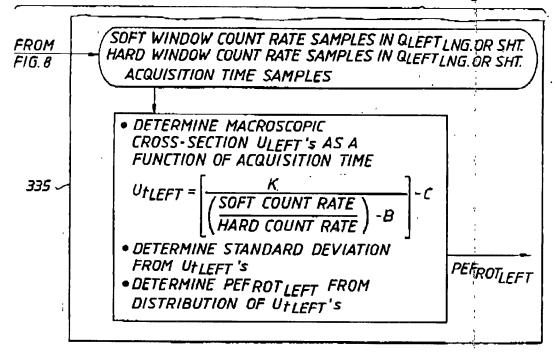
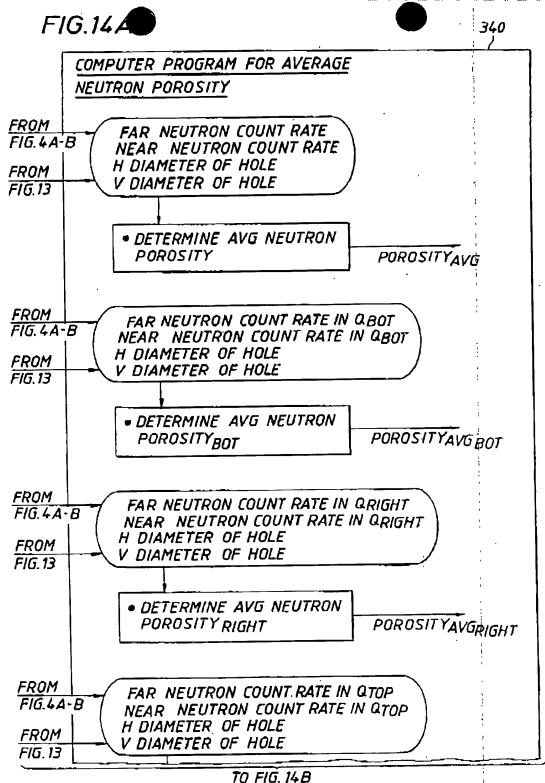
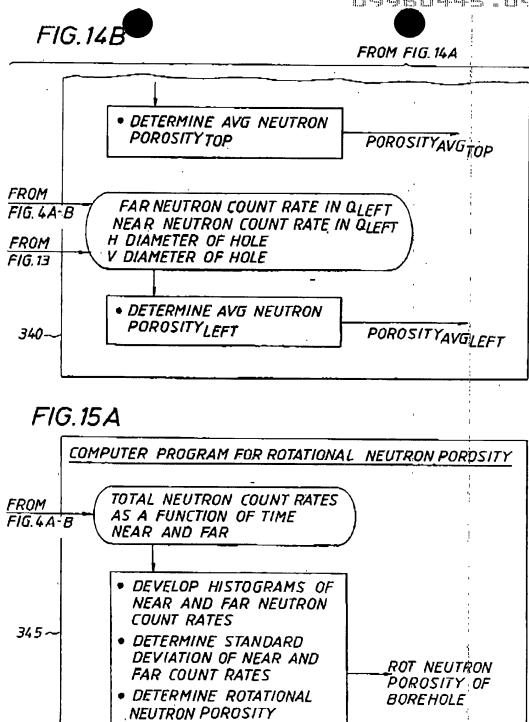


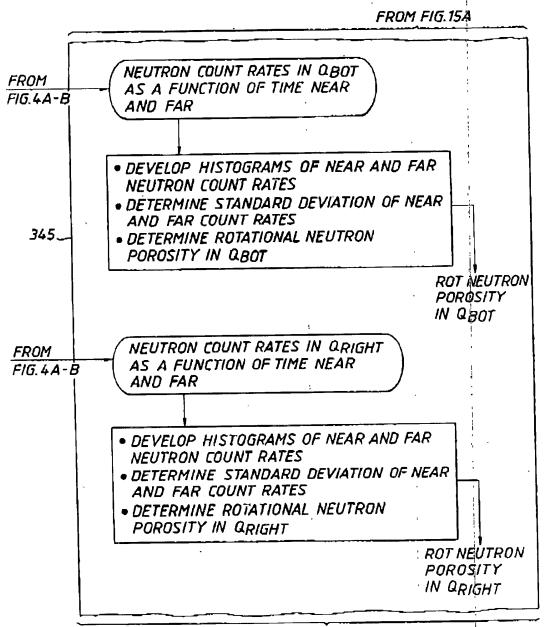
FIG. 13 350 COMPUTER PROGRAM FOR ULTRASONIC STANDOFF QUIPUTS FROM • RECORD STANDOFF AS A FUNCTION FIG. 4A-B OF QUADRANT DEVELOP HISTOGRAM OF ALL STANDOFFS AND HISTOGRAM OF STANDOFFS PER **QUADRANT** • DETERMINE STANDOFFAVG , STANDOFF MAX. STANDOFFMIN FOR EACH QUADRANT • DETERMINE HOLE SHAPE: H DIAMETER HORIZONTAL DIAMETER VERTICAL DIAMETER V DIAMETER





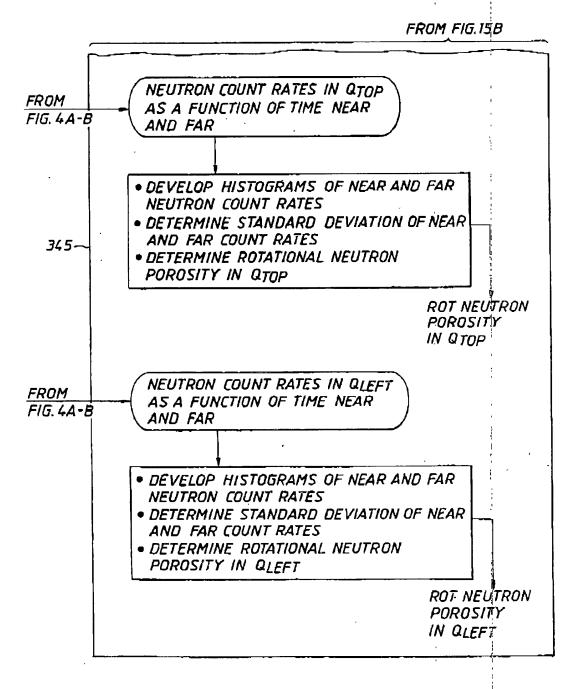
TO FIG. 15B -

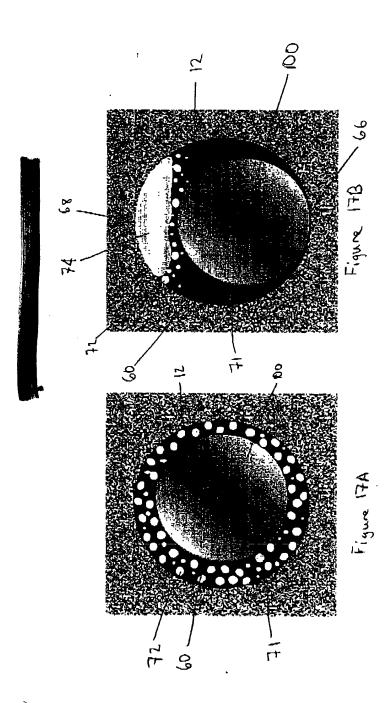




TO FIG. 15 C







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